

**METHOD, SYSTEM, AND APPARATUS FOR PROVIDING A  
SINGLE DIAGNOSTICS MODULE ON-DEMAND**

**Abstract**

A method, system, and apparatus are provided for retrieving and executing  
5 one or more diagnostics modules together capable of testing a single hardware  
component within a computer system in direct response to a user request. A request is  
received to perform a diagnostics test on the component. In response to the request, one  
or more diagnostics modules necessary to test the component are identified. Once the  
modules have been identified, the modules are retrieved from a remote server computer  
10 and installed at the computer system upon which they are to be executed. The modules  
are then executed, thereby testing the single hardware component. The retrieved  
diagnostics modules may contain only program code necessary to test the identified  
component.